MARICOPA COUNTY
ENVIRONMENTAL SERVICES DEPARTMENT
AIR QUALITY DIVISION
1001 North Central Avenue
Phoenix, Arizona 85004

(602) 506-6094
FAX (602) 506-6985

INTERNET COPY

INSTRUCTIONS
APPLICATION FOR *NON-MINOR PERMIT REVISION*

Use this form for completing a *NON-MINOR PERMIT REVISION* for an existing *NON-TITLE V* source.

Complete the application by typing or printing legibly. The submitted application and documents become the property of the Agency and will not be returned. If confidentiality is claimed pursuant to ARS § 49-487, a fully completed application with confidential information clearly identified along with a copy of the application for public review with the confidential information deleted and a written justification for the confidentiality claimed must be submitted. **A filing fee of $750.00 (for a Table A source) or$225.00 (for a Table B source) must accompany your application.** If the application is submitted as a result of receiving a Notice of Violation (NOV), an additional $70.00 late fee must accompany the application. You will be billed later for additional applicable permit fees. Items 1 through 16 must be completed by all applicants. Complete each of the Sections A through Z which apply. Attach manufacturers' drawings and specifications whenever available. If necessary, attach additional sheets to the application to provide all required information.

The Maricopa County Air Pollution Control Rules and Regulations are available at the above address. To obtain a copy, contact the Department for information and costs. The specific rule numbers mentioned in this application package refer to these Rules and Regulations.

Submit only the sections which apply.

For assistance in completing the attached application, contact Maricopa County Small Business Environmental Assistance Program at 506-5150.

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DATE RECEIVED

LOG NUMBER

APPLICATION FOR *NON-MINOR PERMIT REVISION*

READ INSTRUCTIONS FIRST. ALL APPLICANTS MUST COMPLETE ITEMS 1 THROUGH 15. ALSO COMPLETE EACH APPLICABLE SECTION A THROUGH Z.

1. BUSINESS NAME:

DO NOT WRITE IN THIS SPACE
AIRS NUMBERS
COMPLIANCE _ _ _ _ _
EMISSION _ _ _ _ _

2. ADDRESS OF SITE:

AZ ZIP:

3. TELEPHONE AT SITE:

4. TYPE OF OWNERSHIP ☐Corporation ☐Sole Owner ☐Other - - Specify: ☐Partnership ☐Government

5. NAME AND MAILING ADDRESS OF OWNERSHIP:

6. TELEPHONE OF OWNERSHIP:

7. SEND ALL CORRESPONDENCE INCLUDING INVOICE AND PERMIT TO:
COMPANY NAME:
ADDRESS:
CITY: STATE: ZIP CODE:
ATTN:

8. SIC(STANDARD INDUSTRIAL CLASSIFICATION) CODE(S):

9. EXISTING AIR POLLUTION CONTROL PERMIT NUMBER FOR THIS SITE, IF ANY:

10. BRIEF DESCRIPTION OF BUSINESS/PROCESS AT SITE:

11. OPERATING SCHEDULE: HOURS PER DAY | DAYS PER WEEK | WEEKS PER YEAR

12. PROJECTED DATE OF COMPLETION:

13. THE AUTHORIZED CONTACT PERSON REGARDING THIS APPLICATION IS:

NAME _____ TELEPHONE _____

TITLE _____ COMPANY _____

14. I CERTIFY THAT I AM FAMILIAR WITH THE OPERATIONS AND EQUIPMENT REPRESENTED ON THIS APPLICATION AND THE INFORMATION PROVIDED HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE _____ SIGNATURE OF OWNER OR RESPONSIBLE OFFICIAL OF BUSINESS _____

TYPE OR PRINT NAME AND TITLE _____

15. SITE DIAGRAM: DRAW A SITE LAYOUT SHOWING DISTANCES TO PROPERTY LINES, EQUIPMENT, CONTROLS, DUCTS, STACKS AND EMISSION POINTS. ALSO SHOW STORAGE AREAS FOR FUELS, RAW MATERIALS, CHEMICALS, FINISHED PRODUCTS, WASTE MATERIALS, ETC.

SECTION A. FUEL BURNING EQUIPMENT

Complete this section if you burn natural gas, propane, butane, fuel oils, diesel, kerosene, gasoline, fuel oil blended with used oil, coal, charcoal, wood, or any other fossil fuel. Provide complete specifications for non-commercial and special fuels. Describe equipment such as boilers, furnaces, space heaters, water heaters, dryers, pool and spa heaters, non-residential cooking equipment, kilns, ovens, burners, stoves, steam cleaners, hot water pressure washers, etc. List on separate lines all equipment with differing input Btu/hour ratings. Do not include vehicles, lawnmowers, weedeaters and hand-held equipment operating on fossil fuels. Items such as asphalt kettles, incinerators, crematories, and emission control devices burning fuel are not to be listed in this section but shall be described in Section Y. Internal combustion engines and gas turbines are to be listed in Section B.

FUEL	EQUIPMENT DESCRIPTION	DATE OF INSTALLATION	HOW MANY	GROSS BTU/HR INPUT RATING (EACH)

DO YOU INTEND TO BURN USED OIL, USED OIL FUEL, HAZARDOUS WASTE, OR HAZARDOUS WASTE FUEL?

SECTION B. INTERNAL COMBUSTION ENGINES & TURBINES

This section applies to stationary and portable fuel-fired equipment such as generators, fire pumps, air conditioning compressor engines, co-generation units, etc. Indicate in the description if the equipment is only for emergency use. Attach engine emission specification sheet from manufacturer. Provide load factor data from manufacturer if applicable.

FUEL	EQUIPMENT DESCRIPTION. INCLUDE MAKE & MODEL. DESCRIBE AIR POLLUTION CONTROLS, IF ANY	HOW MANY	BTU/HOUR, H.P. OR OTHER RATING	NUMBER OF HRS IN OPERATION ANNUALLY

SECTION C. PETROLEUM STORAGE TANKS

This section applies to retail storage of gasoline and other fuels which have a true vapor pressure of 1.5 psia (77.6 mm of mercury) or greater under actual loading conditions. Petroleum terminals and bulk plants must use Section Y instead of this section.

1. DESCRIBE TANKS AND PRODUCTS STORED:

HOW MANY	CAPACITY	DATE OF INSTALLATION	ABOVE GROUND OR UNDERGROUND	PRODUCT STORED

2. ESTIMATE TOTAL ANNUAL THROUGHPUT FOR EACH PRODUCT STORED IN THESE TANKS (GALLONS/YEAR):

_____ _____

_____ _____

3. RETAIL ☐
   NON-RETAIL ☐

4. EMISSION CONTROLS: STAGE ONE VAPOR RECOVERY: 2-POINT ☐ COAXIAL ☐ Y/WYE ☐
   STAGE II ☐
   NONE ☐

5. SUBMERGED FILL ☐
   BOTTOM FILL ☐
   OTHER ☐ SPECIFY _____

6. ARE THERE ANY DEVICES OR PROTRUSIONS IN THE PRODUCT FILL PIPE, SUCH AS THEFT OR OVERFILL PREVENTION DEVICES WHICH IMPAIR OR PREVENT MEASURING THE FILL SLEEVE RELATIVE TO THE BOTTOM OF THE TANK? ☐ YES ☐ NO
   IF YES, DESCRIBE:

MARICOPA COUNTY USE ONLY

SECTION D. WATER & SOIL REMEDIATION

This section applies to any site where clean-up activities for contaminated soil or water will be conducted.

1. TYPE OF CONTAMINANT: ☐ DIESEL ☐ GASOLINE ☐ OTHER, SPECIFY _____

2. CONTAMINATED MATERIAL: ☐ SOIL _____ CUBIC YARDS ☐ WATER _____ GALLONS

3. CONCENTRATION OF EACH CONTAMINANT: _____

4. OTHER AGENCIES NOTIFIED: ☐ CITY OF _____ FIRE DEPARTMENT
   ☐ ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

5. BRIEFLY DESCRIBE PROCEDURE: _____

6. ESTIMATE INITIAL TOTAL VOC EMISSION RATES: BEFORE CONTROL DEVICE: _____ LB/DAY; _____ LB/HR
   IF POLLUTION CONTROL SYSTEM IS USED, AFTER CONTROL DEVICE: _____ LB/DAY; _____ LB/HR

7. ESTIMATE LENGTH OF TIME FOR COMPLETION OF THIS PROJECT: _____ MONTHS

8. DESCRIBE TYPE AND EFFICIENCY OF CONTROLS FOR AIR EMISSIONS: _____

9. ATTACH FULL DETAILS OF SCOPE OF WORK, TREATMENT PROCEDURES, SPECIFICATIONS, TEST RESULTS, PLAN FOR CLOSURE.

MARICOPA COUNTY USE ONLY

SECTION E. SPRAY PAINTING & OTHER SURFACE COATING

This section applies to but is not limited to: spray painting, powder coating, dipping, ultrasound coating and roller, brush and wipe applications. In response to items 1 and 2, list all materials used in painting or coating operations, including but not limited to: paints, primers, clear coats, catalysts, thinners, reducers, accelerators, retarders, paint strippers, gun cleaners, cleaning solvents, stains, plastic coatings, adhesives and surface preparation materials. Provide manufacturer's technical data sheet or material safety data sheet (MSDS) for each material listed. Printing operations shall be described in Section Y.

1. LIST ALL LIQUID MATERIALS:

NAME / TYPE ATTACH MSDS OR SPECIFICATIONS	ESTIMATED USAGE (GAL/YR)	VOC CONTENT		GAL/YR RECLAIMED OR SHIPPED AS WASTE
		% BY WEIGHT	LB/GAL	

2. LIST ALL POWDER COATING MATERIALS:

NAME, TYPE - ATTACH MSDS OR SPECIFICATIONS	ESTIMATED YEARLY USAGE(LB)

3. DESCRIBE SUBSTRATE BEING COATED (such as metal, plastic, etc.): _____

   DESCRIBE PRODUCT BEING COATED (such as automobiles, computer cabinets, waterbed frames, etc.): _____

4. DESCRIBE HOW COATINGS ARE APPLIED. IF SPRAYED, DESCRIBE TYPE OF SPRAY GUNS OR OTHER SPRAY APPARATUS: _____

5. DESCRIBE FACILITY(IES) FOR APPLYING COATINGS. ATTACH MANUFACTURER'S SPECIFICATIONS. If the structural design is a three-walled enclosure, indicate size of product/vehicle to be painted and whether or not the enclosure is situated inside another structure,

#	ENCLOSURE OR BOOTH SIZE	STRUCTURAL DESIGN: fully-enclosed or three-walled.	EXHAUST FAN		TYPE OF FILTER SYSTEM & EFFICIENCY
			C.F.M.	MOTOR H.P.	
1					
2					

6. DESCRIBE ANY RAIN CAP ON THE STACK: _____

7. ARE ANY COATINGS BAKED, OVEN-CURED OR HEAT-TREATED? WHICH ONES? AT WHAT TEMPERATURE? PROVIDE COMPLETE DESCRIPTION AND SPECIFICATIONS FOR THE OVENS. IF OVENS ARE FUEL-FIRED, BE SURE TO INCLUDE THE OVENS ALSO IN SECTION A.

   _____

   _____

8. DESCRIBE CLEAN-UP OF COATING EQUIPMENT AND HOW CLEAN-UP SOLVENT IS DISPOSED OF: _____

SECTION F. SOLVENT CLEANING

Refer to Rule 331. Attach manufacturer's equipment specifications/literature whenever available. Use a separate sheet for each cleaning device.

1. TYPE OF EQUIPMENT:
   - ☐ COLD CLEANER (NO BOILING)WITH REMOTE RESERVOIR
   - ☐ COLD CLEANER (NO BOILING) WITHOUT REMOTE RESERVOIR
   - ☐ BATCH LOADED VAPOR DEGREASER
   - ☐ NON-VAPOR CONVEYORIZED DEGREASER
   - ☐ VAPOR CONVEYORIZED DEGREASER
   - ☐ OTHER (SPECIFY)

   _____

   _____

2. MANUFACTURER: _____

3. MODEL: _____

4. SOLVENT TO BE USED: _____
   Include a material safety data sheet (MSDS) for the solvent to be used.

5. QUANTITY OF SOLVENT TO BE USED ANNUALLY: _____

6. QUANTITY AND DISPOSAL METHOD OF ANY WASTE SOLVENTS: _____

   IF REDISTILLED ON SITE, PROVIDE INFORMATION ON STILL, INCLUDING MANUFACTURER'S LITERATURE:

   _____

   _____

SECTION G. PLATING, ETCHING & OTHER METAL FINISHING PROCESSES

USE A SEPARATE SHEET FOR EACH PROCESS LINE. IF ADDITIONAL SPACE IS REQUIRED, ATTACH SEPARATE SHEETS FOLLOWING THE SAME FORMAT AS BELOW. If any tank is heated by a flame, be sure to include the burner information in Section A. Evaporation from open ponds or evaporating tanks is not permitted for materials such as acids, alkalies, VOCs or materials containing VOCs.

1. NAME OF PROCESS LINE (electroplating, electroless plating, etching, anodizing, surface converting/treating, cleaning, etc.): _____

2. NARRATIVE DESCRIPTION FOR THE PROCESS LINE: _____

_____

_____

3. DESCRIBE TANKS (exclude rinse water and waste water treatment tanks):

ASSIGNED EQUIPMENT NUMBER	CAPACITY (gallons)	TYPE OF CHEMICAL IN TANK	TYPE OF SUPPRESSANT IF ANY	TEMP-ERATURE	CONCEN-TRATION (%)	pH	EXHAUST	
							VENT TO AIR	VENT TO CONTROL (Describe Control)

4. LIST MATERIALS TO BE USED:

MATERIAL	ANNUAL USAGE (gal/yr or lb/yr)	IDENTIFY EQUIPMENT IN WHICH USED

5. HOW ARE WASTE SOLUTIONS DISPOSED OF? _____

6. HOW ARE RINSE WATERS DISPOSED OF? _____

7. DESCRIBE CONTROL DEVICE (attach manufacturer's specifications and drawings):

MANUFACTURER NAME & MODEL: _____

TYPE OF CONTROL DEVICE: _____ CONTROL EFFICIENCY (% BY WEIGHT): _____

FLOW RATES: Liquid _____ gal/min Gas _____ CFM

pH OF SCRUBBER SUMP: _____ HOW IS pH CONTROLLED? _____

WHERE WILL FLOW METERS AND PRESSURE GAUGES BE LOCATED? _____

8. DESCRIBE CAPTURE SYSTEM: ☐ PULL ☐ PUSH-PULL ☐ ENCLOSURE ☐ HOOD

IF PUSH-PULL SYSTEM, WILL ANYTHING (racks, work in progress, etc.) BLOCK PUSH AIR DURING OPERATIONS? _____

_____

SECTION H. DRY CLEANING EQUIPMENT

1. SOLVENT USED: _____ ESTIMATED USAGE: _____ GALLONS/YEAR

2. ☐ DRY -TO-DRY ☐ TRANSFER

3. DATE OF INSTALLATION OF DRY CLEANING EQUIPMENT_____

4. LIST DRY CLEANING-RELATED EQUIPMENT:

DESCRIBE EQUIPMENT, INCLUDING MAKE & MODEL	HOW MANY	CAPACITY (LB.)	EXHAUST	
			VENT TO AIR	VENT TO CONTROL

5. COOLING TOWER: ☐ YES ☐ NO IF YES, CAPACITY: _____ GALS; _____ TONS COOLING CAPACITY

6. EMISSION CONTROLS: ☐ REFRIGERATED CONDENSING COILS: ☐ BUILT IN ☐ SEPARATED CONDENSING UNIT

☐ CARBON ADSORBER
☐ OTHER _____

ATTACH MANUFACTURER'S SPECIFICATIONS.

7. DATE OF INSTALLATION OF DRY CLEANING EQUIPMENT _____

8. STEAM BOILERS USED SPECIFICALLY FOR STRIPPING ADSORBER AND /OR PRESSING: (Include all others in Section A.)

FUEL	BOILER DESCRIPTION, INCLUDING MAKE & MODEL	HOW MANY	GROSS BTU/HR, H.P. OR OTHER RATING

MARICOPA COUNTY USE ONLY

TYPE OF SOURCE: _____

SECTION X. EMISSION SOURCES FOR HAZARDOUS AIR POLLUTANTS

COMPLETION OF THIS SECTION IS MANDATORY FOR ALL SITES WHICH SILL HAVE AN ACTUAL EMISSION RATE OF 500 POUNDS PER YEAR OR MORE OF ANY SINGLE FEDERAL HAZARDOUS AIR POLLUTANT (HAP) OR ONE (1) TON PER YEAR OR MORE OF ANY COMBINATION OF HAPS.

SOURCE EQUIPMENT NAME (1)	HAP NAME (2)	HAP EMISSION RATE THROUGH STACK		STACK OR POINT DISCHARGE PARAMETERS (5)						NON-POINT FUGITIVE EMISSION SOURCE (6)					
							STACK EXIT DATA			DIMENSIONS OF RELEASE STRUCTURE (6a)					
		LB/HR (3)	TONS/ YEAR (4)	STACK ID	HEIGHT ABOVE GROUND (feet)	HEIGHT ABOVE STRUC. (feet)	DIA. (ft.)	VEL. (fps)	TEMP. (^{0}F)	LENGTH (ft.)	WIDTH (ft.)	HEIGHT (ft.)	LB/ HOUR (6b)	TONS/ YEAR (6c)	SOURCE TEMP (^{0}F)

General Instructions:

(1) Identify each HAP emission source equipment for this plant site consistent with the equipment name used on flow diagram. For each HAP emission source equipment use as many lines as necessary to list Federally regulated hazardous air pollutant (HAP) data.

(2) Refer to the list of federal HAPS on the reverse side.

(3) Pounds per hour (LB/HR) is maximum potential emission rate expected by applicant to be vented through stack.

(4) Tons per year is annual maximum potential emission expected by applicant to be vented through stack, which takes into account process operating schedule.

(5) Supply additional information as follows on a separate sheet if appropriate:

(a) Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.

(b) Layout of adjacent structures if structure is within 3 “stack heights above the ground” of stack.

(6) Report any HAP which is not collected by a capture system and is released to the atmosphere.

(a) Release structure: If the fugitive emission source is located inside a building, provide the dimensions of the building.

(b) Pounds per hour (LB/HOUR) is maximum fugitive emission rated expected by the applicant.

(c) Tons per year is maximum fugitive emission expected by the applicant.

SECTION Y. OTHER SOURCES

This section is intended for all processes, equipment and related emission controls which are not covered in previous sections. In response to item 1, provide a detailed step-by-step narrative, including how raw materials are handled, stored, processed, mixed, treated, and converted to finished products. Provide flow rates, temperatures, pressures, and other appropriate details concerning each process. Whenever available, provide manufacturer's data sheets and literature. Provide flow diagrams and layouts for each process. Describe in detail how waste materials are generated, handled, stored, processed, mixed, treated and disposed of. An Operation and Maintenance Plan for each air pollution control equipment is required. List each material that is partially recovered, salvaged or otherwise reclaimed. Provide estimates of the quantities of such material recoveries on an annual basis. Describe how the annual quantity figures were developed. USE A SEPARATE SHEET FOR EACH PROCESS OR ACTIVITY.

1. NAME OF PROCESS, EQUIPMENT GROUPING OR ACTIVITY: _____

2. NARRATIVE DESCRIPTION: _____

3. EQUIPMENT LIST: Include machinery, storage silos, tanks, emission control devices, etc., in this list.

ASSIGNED EQUIPMENT NUMBER	DESCRIBE EACH PIECE OF EQUIPMENT INCLUDE MAKE & MODEL	HOW MANY	HP, KVA GALLONS OR OTHER RATING	EXHAUST	
				VENT TO AIR	VENT TO CONTROL (Identify)

4. MATERIALS LIST: List all materials handled, stored, processed, used, mixed, treated, or emitted. Include chemicals, mixtures, resins, cleaning compounds, etc., in this list. If a material contains volatile organic compounds (VOC), provide the required details for that material. Identify each material in sufficient detail and provide material safety data sheets (MSDS).

MATERIAL	ANNUAL USAGE OR THROUGHPUT	CHEMICAL COMPOSITION (% by weight)	EQUIPMENT NUMBER IN WHICH USED

5. DESCRIBE CONTROL DEVICES

TYPE OF DEVICE	NAME / ID	GAS FLOW RATE	LIQUID FLOW RATE	CONTROL EFFICIENCY (% WEIGHT)

6. MATERIALS RECLAIMED OR SHIPPED AS WASTE:

SECTION Z-*NM* AIR POLLUTANT EMISSIONS

Completion of this section is mandatory for all sites which will have total potential air pollutant emissions of 25 tons per year or more prior to any separate tail-pipe controls. It is also mandatory for the following applications: foundries, metal melting operations, incinerators and crematories. The Control Officer may require additional information at any time.

PROVIDE A SUMMARY OF THE ACTUAL AIR EMISSIONS ON AN ANNUAL BASIS FOR THE FOLLOWING THREE COLUMNS:

(i) ONLY THE EQUIPMENT AND PROCESSES DESCRIBED ON THIS NOTIFICATION.

(ii) THE ENTIRE SITE PRIOR TO THE INSTALLATION OF THE EQUIPMENT AND PROCESSES DESCRIBED IN (i) ABOVE.

(iii) THE ENTIRE SITE INCLUDING THE EMISSIONS IDENTIFIED IN (i) ABOVE. NORMALLY, THIS COLUMN WILL BE THE SUM OF COLUMNS (i) AND (ii).

	ACTUAL EMISSIONS IN POUNDS PER YEAR		
	COLUMN (i)	COLUMN (ii)	COLUMN (iii)
CARBON MONOXIDE (CO)			
OXIDES OF NITROGEN (NO_X)			
OXIDES OF SULFUR (SO_X)			
PARTICULATES OF 10 MICRONS OR SMALLER (PM_{10})			
TOTAL SUSPENDED PARTICULATES (TSP), INCLUDING PM_{10}			
TOTAL VOLATILE ORGANIC COMPOUNDS (VOC) EXCLUDING NON-PRECURSOR ORGANIC COMPOUNDS			
NON-PRECURSOR ORGANIC COMPOUNDS			
LEAD			
OTHER AIR POLLUTANTS (LIST EACH ONE SEPARATELY):			

Attach detailed calculations to support the figures in the above summary table. Do not include the emissions from motor vehicles. Do include the emissions from stationary sources, portable sources, test areas, experimental facilities, evaporative losses, storage and handling losses, fuel loading and unloading losses, etc. Specifically identify the following in detailed calculations:

EMISSIONS FROM EACH POINT SOURCE AND EACH STACK
FUGITIVE EMISSIONS
CAPTURE EFFICIENCIES
CONTROL EFFICIENCIES
OVERALL EFFICIENCIES

For particulate emissions, describe the types of particulates being emitted and the quantities of emissions for each type. Identify and quantify each and every type of VOC, precursor as well as non-precursor, that is included in the above summary table. “Other air pollutants” include, but are not limited to: chlorine, bromine, iodine, ammonia, hydrogen sulfide, arsine, phosphine, diborane, silane, acid fumes, alkaline fumes, metal fumes, etc. Wherever a material is identified by a trade name, also provide its generic name and its chemical abstract service (CAS) number.

FEDERAL HAZARDOUS AIR POLLUTANTS LIST

CAS No.	Chemical name
75070	Acetaldehyde
60355	Acetamide
75058	Acetonitrile
98862	Acetophenone
53963	2-Acetylaminofluorene
107028	Acrolein
79061	Acrylamide
79107	Acrylic acid
107131	Acrylonitrile
107051	Allyl chloride
92671	4-Aminobiphenyl
62533	Aniline
90040	o-Anisidine
1332214	Asbestos
71432	Benzene (including benzene from gasoline)
92875	Benzidine
98077	Benzotrichloride
100447	Benzyl chloride
92524	Biphenyl
117817	Bis(2-ethylhexyl)phthalate (DEHP)
542881	Bis(chloromethyl)ether
75252	Bromoform
106990	1,3-Butadiene
156627	Calcium cyanamide
105602	Caprolactam
133062	Captan
63252	Carbaryl
75150	Carbon disulfide
56235	Carbon tetrachloride
463581	Carbonyl sulfide
120809	Catechol
33904	Chloramben
57749	Chlordane
7782505	Chlorine
79118	Chloroacetic acid
532274	2-Chloroacetophenone
108907	Chlorobenzene
510156	Chlorobenzilate
67663	Chloroform
107302	Chloromethyl methyl ether
126998	Chloroprene
1319773	Cresols/Cresylic acid (isomers and mixture)
95487	o-Cresol
108394	m-Cresol
106445	p-Cresol
98828	Cumene
94757	2,4-D, salts and esters
3547044	DDE
334883	Diazomethane
132649	Dibenzofurans
96128	1,2-Dibromo-3-chloropropane
84742	Dibutylphthalate
106467	1,4-Dichlorobenzene(p)
91941	3,3-Dichlorobenzidene
111444	Dichloroethyl ether (Bis(2-chloroethyl)ether)
542756	1,3-Dichloropropene
62737	Dichlorvos
CAS No.	Chemical name
111422	Diethanolamine
121697	N,N-Diethyl aniline (N,N-Dimethylaniline)
64675	Diethyl sulfate
119904	3,3-Dimethoxybenzidine
60117	Dimethyl aminoazobenzene
119937	3,3´-Dimethyl benzidine
79447	Dimethyl carbamoyl chloride
68122	Dimethyl formamide
57147	1,1-Dimethyl hydrazine
131113	Dimethyl phthalate
77781	Dimethyl sulfate
534521	4,6-Dinitro-o-cresol, and salts
51285	2,4-Dinitrophenol
121142	2,4-Dinitrotoluene
123911	1,4-Dioxane (1,4-Diethyleneoxide)
122667	1,2-Diphenylhydrazine
106898	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
106887	1,2-Epoxybutane
140885	Ethyl acrylate
100414	Ethyl benzene
51796	Ethyl carbamate (Urethane)
75003	Ethyl chloride (Chloroethane)
106934	Ethylene dibromide (Dibromoethane)
107062	Ethylene dichloride (1,2-Dichloroethane)
107211	Ethylene glycol
151564	Ethylene imine (Aziridine)
75218	Ethylene oxide
96457	Ethylene thiourea
75343	Ethylidene dichloride (1,1-Dichloroethane)
50000	Formaldehyde
76448	Heptachlor
118741	Hexachlorobenzene
87683	Hexachlorobutadiene
77474	Hexachlorocyclopentadiene
67721	Hexachloroethane
822060	Hexamethylene-1,6-diisocyanate
680319	Hexamethylphosphoramide
110543	Hexane
302012	Hydrazine
7647010	Hydrochloric acid
7664393	Hydrogen fluoride (Hydrofluoric acid)
123319	Hydroquinone
78591	Isophorone
58899	Lindane (all isomers)
108316	Maleic anhydride
67561	Methanol
72435	Methoxychlor
74839	Methyl bromide (Bromomethane)
74873	Methyl chloride (Chloromethane)
71556	Methyl chloroform (1,1,1-Trichloroethane)
78933	Methyl ethyl ketone (2-Butanone)
60344	Methyl hydrazine
74884	Methyl iodide (Iodomethane)
108101	Methyl isobutyl ketone (Hexone)
624839	Methyl isocyanate
80626	Methyl methacrylate
1634044	Methyl tert butyl ether
CAS No.	Chemical name
101144	4,4-Methylene bis(2-chloroaniline)
75092	Methylene chloride (Dichloromethane)
101688	Methylene diphenyl diisocyanate (MDI)
101779	4,4´-Methylenedianiline
91203	Naphthalene
98953	Nitrobenzene
92933	4-Nitrobiphenyl
100027	4-Nitrophenol
79469	2-Nitropropane
684935	N-Nitroso-N-methylurea
62759	N-Nitrosodimethylamine
59892	N-Nitrosomorpholine
56382	Parathion
82688	Pentachloronitrobenzene (Quintobenzene)
87865	Pentachlorophenol
108952	Phenol
106503	p-Phenylenediamine
75445	Phosgene
7803512	Phosphine
7723140	Phosphorus
85449	Phthalic anhydride
1336363	Polychlorinated biphenyls (Aroclors)
1120714	1,3-Propane sultone
57578	beta-Propiolactone
123386	Propionaldehyde
114261	Propoxur (Baygon)
78875	Propylene dichloride (1,2-Dichloropropane)
75569	Propylene oxide
75558	1,2-Propylenimine(2-Methyl aziridine)
91225	Quinoline
106514	Quinone
100425	Styrene
96093	Styrene oxide
1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin
79345	1,1,2,2-Tetrachloroethane
127184	Tetrachloroethylene (Perchloroethylene)
7550450	Titanium tetrachloride
108883	Toluene
95807	2,4-Toluene diamine
584849	2,4-Toluene diisocyanate
95534	o-Toluidine
8001352	Toxaphene (chlorinated camphene)
120821	1,2,4-Trichlorobenzene
79005	1,1,2-Trichloroethane
79016	Trichloroethylene
95954	2,4,5-Trichlorophenol
88062	2,4,6-Trichlorophenol
121448	Triethylamine
1582098	Trifluralin
540841	2,2,4-Trimethylpentane
108054	Vinyl acetate
593602	Vinyl bromide
75014	Vinyl chloride
75354	Vinylidene chloride (1,1-Dichloroethylene)
1330207	Xylenes (isomers and mixture)
95476	o-Xylenes
108383	m-Xylenes
CAS No.	Chemical name
106423	p-Xylenes
0	Antimony Compounds
0	Arsenic Compounds (inorganic includin arsine)
0	Beryllium Compounds
0	Cadmium Compounds
0	Chromium Compounds
0	Cobalt Compounds
0	Coke Oven Emissions
0	Cyanide Compounds[1]
0	Glycol ethers[2]
0	Lead Compounds
0	Manganese Compounds
0	Mercury Compounds
0	Fine mineral fibers[3]
0	Nickel Compounds
0	Polycylic Organic Matter[4]
0	Radionuclides (including radon)[5]
0	Selenium Compounds

For all listings above which contain the word "compounds and for glycol ethers, unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical as part of that chemical's infrastructure.

[1] X´CN where X = H´ or any other group where a forma dissociation may occur. For example KCN or $Ca(CN)_2$.

[2] Includes mono- and di- ethers of ethylene glycol, diethylene glycol and triethylene glycol $R(OCH_2CH_2)_n$-OR where:

n = 1, 2 or 3

R = alkyl or aryl groups

R´ = R, H or groups which, when removed, yield glycol ethers with the structure: $R(OCH_2CH)_n$-OH. Polymers are excluded from the glycol category.

[3] Includes mineral fiber emissions from facilities manufacturing or processing glass, rock or slag fibers or other mineral derived fibers of average diameter one (1) micrometer or less.

[4] Includes organic compounds with more than one (1) benzene ring and which have a boiling point greater than or equal to 100°C.

[5] A type of atom which spontaneously undergoes radioactive decay.